Technical Assistance Related to Sediment Evaluation at Potential Dam Removal Sites

The U.S. Fish and Wildlife Service works with stakeholders to coordinate sediment evaluation at dams proposed for removal in NC and SC -- providing data, reports, and guidance. Technical assistance includes syntheses of existing information, field reconnaissance, coordination with dam owners and regulators, and (when necessary) sediment collection and testing to determine sediment quality. Our work is tailored to each site and the needs of the project team. Example approaches and products are in these reports.

Clifton 2 Mill and Dam, Pacolet River, SC (USFWS)

Reports

Augspurger T. 2014. Tier 1 Evaluation of Pollutant Sources to the Impounded Reach of Henry River Dam and Shuford Mill Dam, Henry Fork, Catawba County, North Carolina. U.S. Fish and Wildlife Service, Ecological Services, Raleigh, NC.

Augspurger T, Ward S. 2012. Tier 1 Evaluation of Pollutant Sources to the Impounded Reach of Clifton 2 Mill Dam, Pacolet River, Spartanburg County, South Carolina. U.S. Fish and Wildlife Service, Ecological Services, Raleigh, NC.

Augspurger T. 2012. Milburnie Dam Tier 2 Sediment Sampling and Evaluation Report. U.S. Fish and Wildlife Service, Ecological Services, Raleigh, NC.

U.S. Fish and Wildlife Service. 2011. Haw River Sediment Quality Assessment. USFWS, Raleigh, NC.

Augspurger TP. 2009. Sediment Pollutant Evaluation at Priority Dam Removal Sites in North Carolina. Final Report: Off-Refuge Contaminant Study 4F38, U.S. Fish and Wildlife Service, Raleigh, NC.

Augspurger TP, Ward SE. 2008. Tier 1 Preliminary Evaluation of Pollutant Sources to the Impounded Reaches of Five Dams in the Neuse River Basin, North Carolina. U.S. Fish and Wildlife Service, Raleigh, NC.

Augspurger TP, Ingersoll CG, Kemble NE, Kunz JL, Ward SE. 2007. Sediment Quality within the Impounded Reaches of Cape Fear River Locks and Dams. U.S. Fish and Wildlife Service and U.S. Geological Survey. USFWS, Raleigh, NC.

U.S. Fish and Wildlife Service. 2006. Tier 1 Preliminary Evaluation of Pollutant Sources to the Impounded Reaches of Cape Fear River Locks and Dams 1, 2, and 3. Raleigh Field Office, Raleigh, NC.

U.S. Fish and Wildlife Service. 2004. Sediment Contaminants at Dillsboro Reservoir: Report on Site Assessment and Sediment Analyses. USFWS, Raleigh, NC.

Draft reports or memoranda (reports in progress, drafts provided to others to incoporate into their reports, or reports not finaled because action was completed with the draft)

U.S. Fish and Wildlife Service. 2014. Draft Tier 2 Sediment Sampling and Evaluation Report for Brookford Dam on Henry Fork, Brookford, NC. USFWS, Raleigh Field Office, Raleigh, NC.

U.S. Fish and Wildlife Service. 2012. Draft Tier 1 Evaluation of Pollutant Sources to the Impounded Reach of Lassiter Mill Dam, Uwharrie River, Randolph County, North Carolina. USFWS, Raleigh Field Office, Raleigh, NC.

U.S. Fish and Wildlife Service. 2005a. Draft Preliminary Evaluation of Sediment Chemistry Data (Tier 2) for Little River near Lowell Dam. USFWS, Raleigh Field Office, Raleigh, NC.

U.S. Fish and Wildlife Service. 2005b. Draft Tier 1 Preliminary Evaluation of Sediments within the Carbonton Dam Impounded Reach, Moore County, North Carolina. USFWS, Raleigh Field Office, Raleigh, NC.

U.S. Fish and Wildlife Service. 2005c. Preliminary Evaluation of Sediment Chemistry Data (Tier 2) for Deep River near Carbonton Dam. USFWS, Raleigh Field Office, Raleigh, NC.

U.S. Fish and Wildlife Service. 2004. Draft Tier 1 Preliminary Evaluation of Sediments within the Lowell Dam Impounded Reach, Johnston County, North Carolina. USFWS, Raleigh Field Office, Raleigh, NC.

For technical assistance on your project or for more information, please contact us:

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Pollution is one of the public's greatest environmental concerns. The USFWS has been involved with studying contaminant effects on fish and wildlife since its earliest days, and today our Environmental Contaminants Program includes contaminants specialists at more than 75 locations around the country.